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=> s apo4

L1 16 APO4

=> s taj

L2 89 TAJ

=> s l1 or l2

L3 105 L1 OR L2

=> s l3 and ectodermal

L4 0 L3 AND ECTODERMAL

=> s l4 and clouston

L5 0 L4 AND CLOUSTON

=> d l1 1-6 ti

L1 ANSWER 1 OF 16 MEDLINE

TI TaqI and XbaI RFLPs detected with a human apo IV (**Apo4**) cDNA probe.

L1 ANSWER 2 OF 16 CAPLUS COPYRIGHT 2000 ACS

TI Genetic analysis of apomixis in Citrus and Poncirus by molecular markers

L1 ANSWER 3 OF 16 CAPLUS COPYRIGHT 2000 ACS

TI Mammalian tumor necrosis factor family receptors and ligands, encoding nucleic acids and related binding agents

L1 ANSWER 4 OF 16 CAPLUS COPYRIGHT 2000 ACS

TI Metastable equilibrium solubility distribution and dissolution kinetics of carbonate apatite powders

L1 ANSWER 5 OF 16 CAPLUS COPYRIGHT 2000 ACS

TI Metastable equilibrium solubility behavior of carbonated apatites

L1 ANSWER 6 OF 16 CAPLUS COPYRIGHT 2000 ACS

TI Synthesis and characterization of aluminophosphate **AP04-14A** molecular sieves

=> d 7-16 l1 ti

L1 ANSWER 7 OF 16 CAPLUS COPYRIGHT 2000 ACS

TI The synthesis and structure of SSZ-24, the silica analog of aluminophosphate **AP04-5**

L1 ANSWER 8 OF 16 CAPLUS COPYRIGHT 2000 ACS
 TI The structure of α -synthesized aluminophosphate APO4-16 determined by a new framework modeling method and Rietveld refinement of synchrotron powder diffraction data

L1 ANSWER 9 OF 16 CAPLUS COPYRIGHT 2000 ACS
 TI TaqI and XbaI RFLPs detected with a human apo IV (Apo4) cDNA probe

L1 ANSWER 10 OF 16 CAPLUS COPYRIGHT 2000 ACS
 TI The extended defect as a mechanism for the immobilization of HLW species in zirconolite, perovskite and hollandite

L1 ANSWER 11 OF 16 CAPLUS COPYRIGHT 2000 ACS
 TI Cell volumes of APO4, AVO4, and ANbO4 compounds, where A = Sc, Y, La-Lu

L1 ANSWER 12 OF 16 CAPLUS COPYRIGHT 2000 ACS
 TI Crystal chemistry of ABO4 compounds

L1 ANSWER 13 OF 16 CAPLUS COPYRIGHT 2000 ACS
 TI Catalysts for oligomerizing olefins

L1 ANSWER 14 OF 16 SCISEARCH COPYRIGHT 2000 ISI (R)
 TI TAQI AND XBAI RFLPS DETECTED WITH A HUMAN APO-IV (APO4) CDNA PROBE

L1 ANSWER 15 OF 16 SCISEARCH COPYRIGHT 2000 ISI (R)
 TI CELL VOLUMES OF APO4, AVO4, AND ANBO4 COMPOUNDS, WHERE A = SC, Y, LA-LU

L1 ANSWER 16 OF 16 BIOSIS COPYRIGHT 2000 BIOSIS
 TI THE RESPONSE OF PROTEIN DEFICIENT MICE TO TETANUS TOXOID EFFECTS OF ANTIGEN DOSE ADJUVANTS PERIOD OF DEPRIVATION AND AGE ON ANTIBODY PRODUCTION.

=> d ab 11 3

L1 ANSWER 3 OF 16 CAPLUS COPYRIGHT 2000 ACS
 AB The invention provides novel receptors of the tumor necrosis factor receptor family as well as ligands of the tumor necrosis factor family. The new receptors include APO4, APO6, APO8, and APO9 polypeptides, which in general are transmembrane proteins with large extracellular ligand-binding domains sharing 16-60% sequence identity in this region with other members of the tumor necrosis factor family. A subfamily of polypeptides ligands designed the tumor necrosis factor-related ligand 1 and 3 (TNRL1 and TNRL3) are also provided. APO8 and APO8RP regulate NF- κ B expression by a TRADD-dependent pathway and induce FADD-dependent apoptosis by interacting directly with TRADD and RIP but not with FADD. Human APO4 induces apoptosis, activates NF- κ B, and activates the Jun N-terminal kinase pathway. Both TNRL1- α and TNRL3 are cytotoxic ligands. In addn. to the isolated receptors and ligands of the invention, there are provided encoding nucleic acids and related selective binding agents.

=> dup rem 12

PROCESSING COMPLETED FOR L2
 L6 63 DUP REM L2 (26 DUPLICATES REMOVED)

=> d ti 1-63 16

L6 ANSWER 1 OF 63 CAPLUS COPYRIGHT 2000 ACS
 TI Antibiotic TA biosynthesis gene cluster of Myxococcus xanthus

L6 ANSWER 2 OF 63 MEDLINE DUPLICATE 1
 TI TAJ, a novel member of the tumor necrosis factor receptor family, activates the c-Jun N-terminal kinase pathway and mediates caspase-independent cell death.

L6 ANSWER 3 OF 63 SCISEARCH COPYRIGHT 2000 ISI (R)
 TI Investigation of the one-armed bandit by neural network

L6 ANSWER 4 OF 63 CAPLUS COPYRIGHT 2000 ACS
 TI An assessment of air pollution in Agra using cleaner fuels in industrial and domestic sectors

L6 ANSWER 5 OF 63 MEDLINE DUPLICATE 2
 TI S4a + S5 with caudate lobe (S1) resection using the Taj Mahal liver parenchymal resection for carcinoma of the biliary tract.

L6 ANSWER 6 OF 63 SCISEARCH COPYRIGHT 2000 ISI (R)
 TI Formate and acetate in particulate matter and dust fall at Dayalbagh, Agra (India)

L6 ANSWER 7 OF 63 BIOSIS COPYRIGHT 2000 BIOSIS
 TI S4b+S5-Resection with total caudate lobectomy using Taj Mahal liver incision for carcinoma of the biliary tract.

L6 ANSWER 8 OF 63 CAPLUS COPYRIGHT 2000 ACS
 TI Taj Mahal rehab

L6 ANSWER 9 OF 63 SCISEARCH COPYRIGHT 2000 ISI (R)
 TI International Conference on Business Information Technology Management - BIT WORLD 1998

L6 ANSWER 10 OF 63 SCISEARCH COPYRIGHT 2000 ISI (R)
 TI S-4b+S-5 resection with total caudate lobectomy using Taj Mahal liver incision for carcinoma of the biliary tract.

L6 ANSWER 11 OF 63 CAPLUS COPYRIGHT 2000 ACS
 TI Comparative studies of criteria pollutants in New Delhi and Agra (India), Ambos Nogales (Mexico-Arizona border) and Phoenix (Arizona)

L6 ANSWER 12 OF 63 CAPLUS COPYRIGHT 2000 ACS
 TI Saving the Taj Mahal from air pollution

L6 ANSWER 13 OF 63 CAPLUS COPYRIGHT 2000 ACS
 TI Regional air environment management strategies for the protection of Taj Mahal and other monuments in India

L6 ANSWER 14 OF 63 BIOSIS COPYRIGHT 2000 BIOSIS
 TI Functional CSA receptors on murine bone marrow-derived stromal cells enhance localization of a murine lympho-hematopoietic cell line.

L6 ANSWER 15 OF 63 CAPLUS COPYRIGHT 2000 ACS
 TI Concrete chemical degradation: ancient analogs and modern evaluation

L6 ANSWER 16 OF 63 CAPLUS COPYRIGHT 2000 ACS
 TI Role of natural dust and base cations in controlling the acidity of rain over India

L6 ANSWER 17 OF 63 CAPLUS COPYRIGHT 2000 ACS
 TI Implementation of a numerical needle method for thin-film design

L6 ANSWER 18 OF 63 BIOSIS COPYRIGHT 2000 BIOSIS
 TI C5A enhances migration of a murine lympho-hematopoietic cell line under bone marrow-derived stromal cells.

L6 ANSWER 19 OF 63 BIOSIS COPYRIGHT 2000 BIOSIS
 TI Enhanced in vitro migration of a lympho-hematopoietic cell line with specific neoglycoproteins.

L6 ANSWER 20 OF 63 SCISEARCH COPYRIGHT 2000 ISI (R)
 TI CLEANER FUELS MAY SAVE THE TAJ-MAHAL

L6 ANSWER 21 OF 63 SCISEARCH COPYRIGHT 2000 ISI (R)
 TI SAVING THE TAJ-MAHAL

L6 ANSWER 22 OF 63 SCISEARCH COPYRIGHT 2000 ISI (R)
 TI SAVE-THE-TAJ CAMPAIGNERS WIN FIRST ROUND

L6 ANSWER 23 OF 63 SCISEARCH COPYRIGHT 2000 ISI (R)
 TI CREAKY JOINTS UNDERMINE TAJ-MAHAL

L6 ANSWER 24 OF 63 CAPLUS COPYRIGHT 2000 ACS DUPLICATE 3
 TI Identification of the nature and source of atmospheric aerosols near the Taj Mahal (India)

L6 ANSWER 25 OF 63 CAPLUS COPYRIGHT 2000 ACS
 TI Corrosion Diary: 24-26 November 1994-Taj Coromandel Hotel, Madras, India. 5th International Symposium on Advances in Electrochemical Science and Technology

L6 ANSWER 26 OF 63 CAPLUS COPYRIGHT 2000 ACS
 TI The tabby (Ta), tabby-c (Tac), and tabby-J (TaJ) mutations, chromosome X

L6 ANSWER 27 OF 63 CAPLUS COPYRIGHT 2000 ACS
 TI Dispersion patterns of suspended particulate matters from furnaces in glass industries: seasonal and meteorological effects

L6 ANSWER 28 OF 63 CAPLUS COPYRIGHT 2000 ACS DUPLICATE 4
 TI Effect of anthropogenic activity on formate and acetate levels in precipitation at four sites in Agra, India

L6 ANSWER 29 OF 63 SCISEARCH COPYRIGHT 2000 ISI (R)
 TI AIR-POLLUTION FROM IRON FOUNDRIES IN AGRA AND THE TAJ-MAHAL

L6 ANSWER 30 OF 63 EMBASE COPYRIGHT 2000 ELSEVIER SCI. B.V.DUPLICATE 5
 TI Factors affecting alkaline nature of rain water in Agra (India).

L6 ANSWER 31 OF 63 CAPLUS COPYRIGHT 2000 ACS
 TI Bulk and wet atmospheric deposition chemistry at Agra

L6 ANSWER 32 OF 63 CAPLUS COPYRIGHT 2000 ACS DUPLICATE 6
 TI The long-term concentration of sulfur dioxide at Taj Mahal due to the Mathura refinery

L6 ANSWER 33 OF 63 CAPLUS COPYRIGHT 2000 ACS
 TI Studies on Taj Mahal plasters

L6 ANSWER 34 OF 63 CAPLUS COPYRIGHT 2000 ACS DUPLICATE 7
 TI An investigation into the acid content of aerosols in the ambient air at the Taj Mahal, Agra

L6 ANSWER 35 OF 63 CAPLUS COPYRIGHT 2000 ACS DUPLICATE 8
 TI Assessment of the impact of a proposed oil refinery on Taj Mahal in India

L6 ANSWER 36 OF 63 SCISEARCH COPYRIGHT 2000 ISI (R)
 TI WORLD FEDERATION OF NEUROLOGY - INFORMATION - MINUTES OF THE MEETING OF
 THE RESEARCH COMMITTEE HELD AT THE TAJ PALACE HOTEL, NEW-DELHI,
 INDIA - 27 SEPTEMBER, 1987

L6 ANSWER 37 OF 63 SCISEARCH COPYRIGHT 2000 ISI (R)
 TI WORLD FEDERATION OF NEUROLOGY - INFORMATION - MINUTES OF THE MEETING OF
 THE STEERING COMMITTEE (TAJ PALACE HOTEL, NEW-DELHI, SATURDAY,
 26 SEPTEMBER, 1987)

L6 ANSWER 38 OF 63 CAPLUS COPYRIGHT 2000 ACS
 TI Acid rain in Asia

L6 ANSWER 39 OF 63 SCISEARCH COPYRIGHT 2000 ISI (R)
 TI PROCEEDINGS OF THE EXECUTIVE-COMMITTEE MEETING OF THE INDIAN-VETERINARY-
 ASSOCIATION HELD AT 11.00 A.M. ON 26TH MAY 1987 AT HOTEL-TAJ
 -CORAMANDEL, MADRAS

L6 ANSWER 40 OF 63 CAPLUS COPYRIGHT 2000 ACS
 TI Environmental degradation in the marble rocks of Taj Mahal,
 Agra, U.P., India

L6 ANSWER 41 OF 63 MEDLINE
 TI [Buschke-Loewenstein tumor: giant condyloma of the ano-genital region].
 Buschke-Loewenstein tumor: az ano-genitalis taj
 orias-condylomaja.

L6 ANSWER 42 OF 63 MEDLINE DUPLICATE 9
 TI A glycoprotein antigen detected with new monoclonal antibodies on the
 surface of human lymphocytes infected with human T-cell leukemia virus
 type-I (HTLV-I).

L6 ANSWER 43 OF 63 SCISEARCH COPYRIGHT 2000 ISI (R)
 TI TAJ-MAHALS IN THE DESERT

L6 ANSWER 44 OF 63 SCISEARCH COPYRIGHT 2000 ISI (R)
 TI POLLUTION IMPERILS THE TAJ-MAHAL

L6 ANSWER 45 OF 63 SCISEARCH COPYRIGHT 2000 ISI (R)
 TI TAJ SOUNDWORKS - ROCK N ROLL TO FOLEY ... AND THE CABLE LINK

L6 ANSWER 46 OF 63 CAPLUS COPYRIGHT 2000 ACS
 TI Results of laboratory experiments with pollutants on marble rocks of
 Taj Mahal

L6 ANSWER 47 OF 63 SCISEARCH COPYRIGHT 2000 ISI (R)
 TI TAJ-MAHAL THREATENED, WHILE EXPERTS DEBATE

L6 ANSWER 48 OF 63 EMBASE COPYRIGHT 2000 ELSEVIER SCI. B.V.
 TI Atmosperic contamination of archaeological monuments in the Agra region
 (India).

L6 ANSWER 49 OF 63 CAPLUS COPYRIGHT 2000 ACS
 TI Pollutant effects on stone monuments

L6 ANSWER 50 OF 63 EMBASE COPYRIGHT 2000 ELSEVIER SCI. B.V.
 TI Surgical management of carcinoma of the oesophagus at the Taj
 Pahlavi Cancer Institute.

L6 ANSWER 51 OF 63 CAPLUS COPYRIGHT 2000 ACS
 TI Short term pollution threat of Mathura Refinery at the Taj and
 its environs

L6 ANSWER 52 OF 63 CAPLUS COPYRIGHT 2000 ACS

TI Air pollution threat to the Taj Mahal and its environs due to Mathura Oil Refinery

L6 ANSWER 53 OF 63 SCISEARCH COPYRIGHT 2000 ISI (R)
TI PRESERVATION OF TAJ

L6 ANSWER 54 OF 63 SCISEARCH COPYRIGHT 2000 ISI (R)
TI FATE OF TAJ MAHAL

L6 ANSWER 55 OF 63 SCISEARCH COPYRIGHT 2000 ISI (R)
TI CAN INDIA AFFORD TO SAVE TAJ-MAHAL FROM CORROSION

L6 ANSWER 56 OF 63 SCISEARCH COPYRIGHT 2000 ISI (R)
TI TAJ-MAHAL OUT OF DANGER

L6 ANSWER 57 OF 63 SCISEARCH COPYRIGHT 2000 ISI (R)
TI OIL REFINERY NEAR TAJ-MAHAL

L6 ANSWER 58 OF 63 MEDLINE DUPLICATE 10
TI Carcinoma of the thyroid gland in Iran.

L6 ANSWER 59 OF 63 SCISEARCH COPYRIGHT 2000 ISI (R)
TI SURGICAL MANAGEMENT OF CARCINOMA OF ESOPHAGUS AT TAJ PAHLAVI CANCER INSTITUTE

L6 ANSWER 60 OF 63 BIOSIS COPYRIGHT 2000 BIOSIS
TI SURGICAL MANAGEMENT OF CARCINOMA OF THE ESOPHAGUS AT THE TAJ -PAHLAVI CANCER INSTITUTE TEHRAN IRAN.

L6 ANSWER 61 OF 63 MEDLINE
TI [Transthoracal and abdominothoracal radical operation for esophageal and cardiac carcinoma. Early results (author's transl)].
Transthorakale und abdomino-thorakale Radikaloperation des Osophagus- und Kardiakarzinoms. Fruhergebnisse.

L6 ANSWER 62 OF 63 MEDLINE
TI [Study on the scope of a general practitioner's work and critical review of this study].
Studija sadrzaja rada ljekara opste prakse i kriticki osvrt na taj rad.

L6 ANSWER 63 OF 63 MEDLINE
TI [Experimental cooling of the region of the ciliary body by cryomanipulator].
A corpus ciliare taj kiserletes hutese cryomanipulatorral.

=> d ab 2 14 18 19 42

L6 ANSWER 2 OF 63 MEDLINE DUPLICATE 1
AB We have isolated a novel member of the TNFR family, designated TAJ, that is highly expressed during embryonic development. TAJ possesses a unique cytoplasmic domain with no sequence homology to the previously characterized members of the TNFR family. TAJ interacts with the TRAF family members and activates the JNK pathway when overexpressed in mammalian cells. Although it lacks a death domain, TAJ is capable of inducing apoptosis by a caspase-independent mechanism. Based on its unique expression profile and signaling properties, TAJ may play an essential role in embryonic development.

L6 ANSWER 14 OF 63 BIOSIS COPYRIGHT 2000 BIOSIS

L6 ANSWER 18 OF 63 BIOSIS COPYRIGHT 2000 BIOSIS

L6 ANSWER 42 OF 63 MEDLINE

DUPLICATE 9

AB We have prepared two new mouse monoclonal antibodies (MAbs) named TARM-34 (IgM) and TAG-34 (IgG1), that react with surface antigens of lines of human lymphocytes bearing a human T-cell leukemia virus type-I (HTLV-I). The characters of these antibodies are compared with those of anti-HTLV-1 gp21 MAb (TA-21, IgG1), anti-HTLV-I p19 MAb (GIN-14, IgG1) and human antibodies from patients with adult T-cell leukemia (ATL). An indirect membrane immunofluorescence assay showed that TARM-34, TAG-34 and TA-21 all reacted specifically with cell-surface antigens of HTLV-I-positive T- and B-cell lines and cultured peripheral blood lymphocytes from HTLV-I-infected adults. Radioimmunoassay showed that serum antibodies

from the ATL patients interfered with the binding of TA-21 antibody to cells of the HTLV-I-positive T-cell line MT-2, but not with the bindings of

TARM-34

and TAG-34 antibodies. TARM-34 and TAG-34 both precipitated a 34-kd glycoprotein (gp34), while TA-21 precipitated gp21 from a lysate of 3H-glucosamine-labelled MT-2 cells. TARM-34 and TAG-34 also precipitated the 34-kd protein from lysates of MT-2 and HUT 102 cells labelled with 125I- or 35S-cysteine. Interestingly, TARM-34 and TAG-34 also precipitated

35-kd protein from a lysate of other HTLV-I-positive cells (F-Taj cell line) derived from an ATL patient. TA-21 precipitated the 21-kd protein from the lysates of 35S-cysteine-labelled HTLV-IMT-2 virions, but TARM-34 and TAG-34 did not precipitate any protein from this lysate. TARM-34 lysed HTLV-I-bearing cells in the presence of rabbit complement. These results indicate that TARM-34 and TAG-34 both recognize a glycoprotein antigen that is expressed on the surface of HTLV-I-infected cells.

=> d 2

L6 ANSWER 2 OF 63 MEDLINE

DUPLICATE 1

AN 2000270246 MEDLINE

DN 20270246

TI **TAJ**, a novel member of the tumor necrosis factor receptor family, activates the c-Jun N-terminal kinase pathway and mediates caspase-independent cell death.

AU Eby M T; Jasmin A; Kumar A; Sharma K; Chaudhary P M

CS Hamon Center for Therapeutic Oncology Research, University of Texas Southwestern Medical Center, Dallas, Texas 75390-8593, USA.

SO JOURNAL OF BIOLOGICAL CHEMISTRY, (2000 May 19) 275 (20) 15336-42. Journal code: HIV. ISSN: 0021-9258.

CY United States

DT Journal; Article; (JOURNAL ARTICLE)

LA English

FS Priority Journals; Cancer Journals

OS GENBANK-AF167552; GENBANK-AF167553; GENBANK-AF167554; GENBANK-AF167555

EM 200008

EW 20000804